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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number

Filing Date

04/01/2004

First Named Inventor

Nicholas Carl Seroff

Art Unit

Examiner Name

Attorney Docket Number

STL11398

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
PFC	AA	US-	4,156,796	05/29/1979	O'Neal et al.	
PFC	AB	US-	4,188,665	02/12/1980	Nagel et al.	
PFC	AC	US-	5,884,023	03/16/1999	Swoboda et al.	
PFC	AD	US-	5,983,366	11/09/1999	King	
PFC	AE	US-	6,038,391	03/14/2000	Kawaba	
PFC	AF	US-	6,148,381	11/14/2000	Jotwani	
PFC	AG	US-	6,209,045 B1	03/27/2001	Hawegawa et al.	
PFC	AH	US-	6,421,795 B2	07/16/2002	Yamashita	
PFC	AI	US-	6,594,782 B1	07/15/2003	Tagawa	
PFC	AJ	US-	6,606,328 B1	08/12/2003	Susnow	
PFC	AK	US-	6,650,141 B2	11/18/2003	Agrawal et al.	
		US-				
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
PFC	AA	EP	0610581	A2	08/17/1994	IBM		
PFC	AB	EP	0814404	B1	12/29/1997	Matsushita Electric Industrial		
PFC	AC	EP	0974093	B1	01/26/2000	Advanced Micro Devices Inc.		
	AD	JP	3-127236		05/30/1991			
	AE	JP	7-21062		01/24/1995			

Examiner
Signature

/Paul Contino/

Date
Considered

12/22/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Complete if Known

Application Number	
Filing Date	04/01/2004
First Named Inventor	Nicholas Carl Seroff
Art Unit	
Examiner Name	
Attorney Docket Number	STL11398

(Use as many sheets as necessary)

Sheet	2	of	2
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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	AF JP	11-96130	04/09/1999			

12/22/2006

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	
		Filing Date	04/01/2004
		First Named Inventor	Nicholas Carl Seroff
		Art Unit	
		Examiner Name	
Sheet 1 of 1	Attorney Docket Number	STL11398	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PFC	AA	NATIONAL SEMICONDUCTOR CORPORATION, "SCAN9210123 and SCAN921224 20-66 MHz Bus LVDS Serializer & Deserializer With IEEE 1149.1 (JTAG) And At-Speed BIST," National Semiconductor, (April 4, 2001).	
PFC	AB	VITESSE SEMICONDUCTOR CORPORATION, "Advance Product Information VSC7182," Rev 2.3 ed., Vitesse Semiconductor Corporation, (November 19, 2001).	
PFC	AC	VITESSE, "VSC7123," Vitesse (US), (April 1, 2003).	
PFC	AD	SERDES, "How To Apply SERDES Performance To Your Design," http://www.eetimes.com/story/OEG20030124S0031 , CMP Media, LLC (US), (January 27, 2003).	
PFC	AE	DAVE LEWIS, "Easy-To-Use LVDS Serdes For The Serdes Neophyte," National Edge, www.national.com/nationaledge/sep01/864.html (US), (February 20, 2004).	
PFC	AF	MOTOROLA, "Motorola SerDes Transceivers," Motorola, Inc. (US), (February 20, 2004).	

Examiner Signature	/Paul Contino/	Date Considered	12/22/2006
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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